

## ABSTRACT OF THE DISCLOSURE

There is provided muscle fatigue measuring equipment by which one can know his muscle fatigue status objectively and easily. The muscle fatigue measuring equipment determines a muscle fatigue status by a series of procedural steps, i.e., substituting a myoelectric value obtained based on a myoelectric potential measured by myoelectric potential measuring means 30 and a myoelectric value at a normal time (base time) which is stored in first storage means 31 into an arithmetic expression for determining a myoelectric change which is stored in the first storage means 31 so as to compute a myoelectric change in myoelectric change computing means 25; substituting an extracellular fluid measured by biological impedance measuring means 29 and an extracellular fluid at a normal time (base time) which is stored in second storage means 32 into an arithmetic expression for determining a change in extracellular fluid which is stored in the second storage means 32 so as to compute a change in extracellular fluid in extracellular fluid change computing means 26; and determining the presence or absence of muscle fatigue, the equilibrium state of muscle fatigue and the progress of muscle fatigue in muscle fatigue status determining means 3.